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1 [Vertical handoffs in wireless overlay networks](#)

Mark Stemm, Pandey H. Katz

 December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: Pdf (770.58 KB)

[Additional Information: full citation, abs](#)
Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 152, Downloads

No single wireless network technology simultaneously provides a low latency large number of mobile users. Wireless Overlay Networks – a hierarchical wide area ...

2 [Mu3D: a causal consistency protocol for a collaborative VRML editor](#)

Ricardo Galli, Yuhua Luo

 February 2000 **VRML '00: Proceedings of the fifth symposium on Virtual reality**
Publisher: ACM [Request Permissions](#)

Full text available: Pdf (614.28 KB)

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This paper describes the implementation of the Mu3D application protocol for the collaborative editing of CAD design. The collaborative editor (M3D editor) has been ...

Keywords: CAD, VRML, architecture, distributed virtual environments, real-time

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3 [Fast and scalable wireless handoffs in support of mobile Internet applications](#)

Ramón Cáceres, Venkata N. Padmanabhan

 December 1998 **Mobile Networks and Applications**, Volume 3 Issue 4

Publisher: Kluwer Academic Publishers

Full text available: Pdf (187.08 KB)

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Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 39, Downloads


Future internetworks will include large numbers of portable devices moving. A hierarchical mobility management scheme for such networks. Our scheme handles handoff processing ...

4 [Toward a framework for power control in cellular systems](#)

Zvi Rosberg, Jens Zander

March 1998 **Wireless Networks** , Volume 4 Issue 3

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (261.10 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 31, Downloads


Efficiently sharing the spectrum resource is of paramount importance in
in Personal Communications where large numbers of wireless subscribers
involves protecting ...

5 Composable ad hoc location-based services for heterogeneous mobile

Todd D. Hodes, Randy H. Katz

October 1999 **Wireless Networks** , Volume 5 Issue 5


Publisher: Kluwer Academic Publishers

Full text available:  Pdf (403.18 KB)

Additional Information: [full citation](#), [cite](#)


Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 62, Downloads

6 Coyote: a system for constructing fine-grain configurable communication

 Nina T. Bhatti, Matti A. Hiltunen, Richard D. Schlichting, Wanda Chiu

November 1998 **Transactions on Computer Systems (TOCS)** , Volume 16 I

Publisher: ACM 

Full text available:  Pdf (290.21 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 47, Downloads

Communication-oriented abstractions such as atomic multicast, group Rf
mobile computing can simplify the development of complex applications
describes Coyote, a system ...

Keywords: x-kernal, configurable services, customization, event handler
microprotocols, mobile computing, modularity, multicast, protocols, remote

7 Routing in wireless/mobile ad-hoc networks via dynamic group construction

Yu-Liang Chang, Ching-Chi Hsu

March 2000 **Mobile Networks and Applications** , Volume 5 Issue 1

Publisher: Kluwer Academic Publishers

Full text available:  Pdf (179.06 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 61, Downloads


An ad-hoc network is temporarily formed by a group of mobile hosts connected
fixed network interaction and centralized administration. When a mobile
an ad-hoc network, ...

8 Mobile networking in the Internet

Charles E. Perkins

December 1998 **Mobile Networks and Applications** , Volume 3 Issue 4


Publisher: Kluwer Academic Publishers

Full text available:  Pdf (166.90 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 34, Downloads (12 Months): 204, Downloads

Computers capable of attaching to the Internet from many places are like the population of the Internet. Consequently, protocol research has shifted network protocols for ...

- 9 **OceanStore: an architecture for global-scale persistent storage**
 John Kubiawicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato
 Rhea, Hakim Weatherspoon, Chris Wells, Ben Zhao
 December 2000 **ASPLoS-IX: Proceedings of the ninth international conference on languages and operating systems**

Publisher: ACM 
 Full text available:  Pdf (166.53 KB) Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 25, Downloads (12 Months): 258, Downloads


OceanStore is a utility infrastructure designed to span the globe and provide information. Since this infrastructure is comprised of untrusted servers, it uses cryptographic techniques. ...

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 December 2000 **SIGOPS Operating Systems Review** Volume 34 Issue 5

- 10 **A CDMA-based radio interface for third generation mobile systems**
 Sergio Barbers, Ermanno Berruto
 June 1997 **Mobile Networks and Applications**, Volume 2 Issue 1
Publisher: Kluwer Academic Publishers
 Full text available:  Pdf (257.24 KB) Additional Information: full citation, abstract





Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 50, Downloads

This paper deals with the use of a CDMA-based radio interface in third generation Telecommunications System—UMTS, and Future Public Land Mobile Telecommunications System is not intended ...

- 11 **OceanStore: an architecture for global-scale persistent storage**
 John Kubiawicz, David Bindel, Yan Chen, Steven Czerwinski, Patrick Eato
 Rhea, Hakim Weatherspoon, Westley Weimer, Chris Wells, Ben Zhao
 November 2000 **SIGPLAN Notices**, Volume 35 Issue 11
Publisher: ACM
 Full text available:  Pdf (1.47 MB) Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 65, Downloads

OceanStore is a utility infrastructure designed to span the globe and provide information. Since this infrastructure is comprised of untrusted servers, it uses cryptographic techniques. ...

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 Tomasz Imielinski, Julio C. Navas
 April 1999 **Communications of the ACM**, Volume 42 Issue 4
Publisher: ACM 
 Full text available:  HTML (32.72 KB),  Pdf (329.24 KB) Additional Information: full citation, abstract

Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 206, Downloads

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